INFORMATION	Atty. Docket No.: 115.00270101	Serial No.: 10/034,761
DISCLOSURE STATEMENT	Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1894
	Filing Date: Dec. 27, 2001	Group: 2621
O!PE	Information Disclosure Statement mailed:	July <u>/</u> / <u>/</u> , 2002
JUL 2 2 2002	U.S. PATENT DOCUMENTS	

Examiner Initial PADEMARY OF		Date	Name	Class	Subclass	Filing Date If Appropriate
	None				RECE	IVED
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FOREIGN PATENT DOCUMENTS Technology Center 2600
Subclass Translation Class Examiner **Document Number** Date Country No Yes Initial None

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
CLL	Anderson et al., "Change detection and tracking using pyramid transform techniques," Intelligent Robots and Computer Vision: Proceedings of SPIE – The International Society for Optical Engineering, 1985; 579:72-78.
CLL	Blackman, Multiple-Target Tracking with Radar Applications, 1986, Artech House, Dedham, MA, Cover page, Publication page, and Table of Contents only. (7 pgs.).
CLL	Buntine, "Learning classification trees," Statistics and Computing, 1992; 2:63-73.
CLL	Collins et al., "A system for video surveillance and monitoring: Vsam final report," <i>Tech. Rep. CMU-RI-TR-00-12</i> , Robotics Institute, Carnegie Mellon Univ., Pittsburgh, PA, 2000, 1-68.
CLL	Comaniciu et al., "Real-time tracking of non-rigid objects using mean shift," Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition, Hilton Head Island, SC, 2000 June 13-15; 2:142-149.
CLL	Cox et al., "An efficient implementation of Reid's multiple hypothesis tracking algorithm and its evaluation for the purpose of visual tracking," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1996; 18(2):138-150.

EXAMINER	Date Considered	
/// Loni	12/16/04	
*Framiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in		

conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION	Atty. Docket No.: 115.00270101	Serial No.: 10/034,761
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STATEMENT	Filing Date: Dec. 27, 2001	Group: 2621
JUL 2 2 2002	Information Disclosure Statement mailed:	July <u>(e</u> , 2002

Examples ADEMARY	Document Description
CU	Dempster et al., "Maximum likelihood from incomplete data via the <i>EM</i> algorithm (with discussion)," <i>Journal of the Royal Statistical Society B</i> , 1977; 39(1):1-38.
CLL	Elgammal et al., "Non-parametric model for background subtraction," Computer Vision – ECCV 2000, Vernon, ed., Springer-Verlag, Berlin Heidelberg, 751-767.
CLL	Gao et al., "Error analysis of background adaptation," Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition, Hilton Head Island, SC, 2000 June; 1:503-510.
CLL	Grimson et al., "Using adaptive tracking to classify and monitor activities in a site," Proceedings 1998 IEEE Conference on Computer Vision and Path 2 4 2002 Recognition, Santa Barbara, CA, 1998 June 23-25; 22-29.  Technology Center 260
СИ	Haritaoglu et al., "W <sup>4</sup> S: A real-time system for detecting and tracking people in 2 1/2d," <i>Proceedings 5<sup>th</sup> European Conference on Comupter Vision</i> , 1998 June 2-6; Freiburg, Germany, 1:877-892.
CLL	Hartley et al., Multiple View Geometry in Computer Vision, 2000, Cambridge UP, Cover pg., Publication pg., and 69-116.
Ш	Horn, Robot Vision, The MIT Press, Cambridge, Mass., 1986; Cover page, Publication page, Table of Contents, and 66-69.
CLL	Jeffreys, Theory of Probability, Univ. Press, Oxford, 1948, Cover page, Publication page, and Table of Contents only. (4 pgs.)
CU	Kanade et al., "Advances in cooperative multi-sensor video surveillance," Proceedings DARPA Image Understanding Workshop, 1998 Nov. 20-23; Monterey Cali., 3-24.
CLL	Kanatani, "Optimal homography computation with a reliability measure," Proceedings of the IAPR Workshop on Machine Vision Applications, 1998 Nov. 17-19; Makuhari, Chiba, Japan: 426-429.
CLL	Kanatani, Statistical Optimization for Geometric Computer Vision: Theory and Practice, 1996, Elsevier Science, Amsterdam, Netherlands, Cover page, Publication page, and Table of Contents only. (7 pgs.).

EXAMINER	Date Considered
Chilai	12/16/04
	11 14 15 15 15 15 15 15 15 15 15 15 15 15 15

OMB No. 0651-0011 Page 3 of 4

INFORMATION	Atty. Docket No.: 115.00270101	Serial No.: 10/034,761
DISCLOSURE	Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1894
SZATEMENT	Filing Date: Dec. 27, 2001	Group: 2621
111 2 2 2002 E	Information Disclosure Statement mailed:	July <u>10</u> , 2002
13		

Examine RADEMARY	Document Description	
CLL	Lee et al., "Monitoring activities from multiple video streams: Establishing a common coordinate frame," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2000 Aug.; 22(8):758-767.	
CLL	Lin, "Divergence measures based on the shannon entropy," <i>IEEE Transactions</i> on Information Theory, 1991; 37(1):145-151.	
CLL	McLachlan et al., Mixture Models Interference and Applications to Clustering, 1988, Marcel Dekker, New York.  RECEIV	/ED
CU	Oliver et al., "A bayesian computer vision system for modeling human interactions," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2000 Aug.; 22(8):831-843.  Technology Cen	2002 ter 2600
CLL.	Ormoneit et al., "Learning and tracking human motion using functional analysis," <i>Proceedings 2000 IEEE Workshop on Human Modeling, Analysis, and Synthesis,</i> Hilton Head Island, SC, 2000 June;2-9. (8 pgs.).	
CU	Pavlidis et al., "Urban Surveillance Systems: From the Laboratory to the Commercial World," <i>IEEE Proceedings</i> , 2001 Oct.; 89(10):1478-1497.	
CLL	Ratches, "Aided and automatic target recognition based upon sensory inputs from image forming systems," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1997; 19(9):1004-1019.	
CLL	Reid, "An algorithm for tracking multiple targets," <i>IEEE Transactions on Automatic Control</i> , 1979; 24(6):843-854.	·
CCL	Sacchi et al., "A distributed surveillance system for detection of abandoned objects in unmanned railway environments," <i>IEEE Transactions on Vehicular Technology</i> , 2000 Sept.; 49(5):2013-2026.	
CLL	Stauffer et al., "Adaptive background mixture models for real-time tracking," Proceedings 1999 IEEE Conference on Computer Vision and Pattern Recognition, Fort Collins, Col., 1999 June 23-25; 2:246-252.	
CLL	Stauffer et al., "Learning patterns of activity using real-time tracking," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2000; 22(8):747-767.	

EXAMINER,	Date Considered
	12/16/04

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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 115.00270101	Serial No.: 10/034,761
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	Filing Date: Dec. 27, 2001	Group: 2621
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Examoner Initiat /R	ADEMARK OF	Document Description
CLL		Stringa et al., "Real-time video-shot detection for scene detection for scene surveillance applications," <i>IEEE Transactions on Image Processing</i> , 2000 Jan.; 9(1):69-79.
CLL		Tsiamyrtzis, A Bayesian Approach to Quality Control Problems, Ph.D. thesis, School of Statistics, Minneapolis, MN, August 2000.

RECEIVED

JUL 2 4 2002

Technology Center 2600

EXAMINER Date Considered 12/16/04

## INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.:H0002442-03 (115.00270101)	Serial No.: 10/034,761			
Applicant(s): PAVLIDIS et al.	Confirmation No.: 1894			
Application Filing Date: 12/27/01	Group: 2621			
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CLL	5,557,684	09/17/96	Wang et al			
CLC	5,657,073	08/12/97	Henley			
CLC	5,689,611	11/18/97	Hamada et al.		0.0	
CLL	5,764,283	06/09/98	Pingali et al.		REC	EIVED
CLL	5,966,074	10/12/99	Baxter		JAN	0 2 2003
CLL	6,184,792	02/06/01	Privalov et al		Technology	Center 280

## FOREIGN PATENT DOCUMENTS

Examiner	Document Number	Date	Country	Class	Subclass	Trans	lation
Initial			<u> </u>		<u> </u>	Yes	No
CLL	93 05488 A	03/18/93	wo				
CLL	0 884 897 A1	12/16/98	EP				
CLL	00 33253 A	06/08/00	wo				
CLL	0986036A	3/15/00	EP				
CLL	1 061 487 A1	12/20/00	EP				
	,						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description

EXAMINER	Date Considered		
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPFP 609. Draw line through citation if not in			